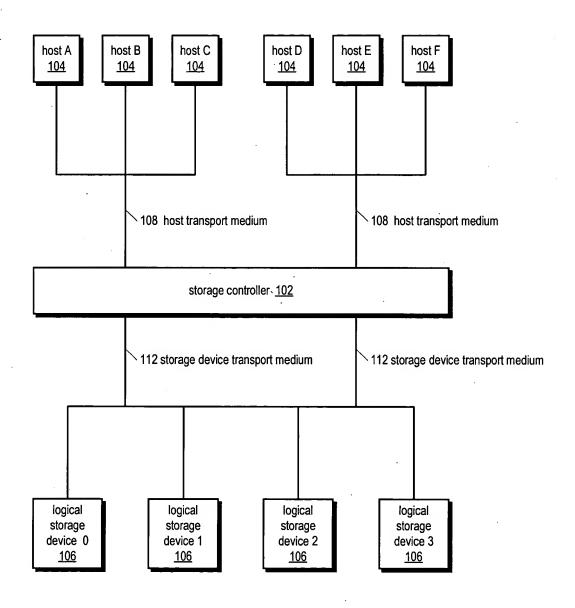
Computer Network

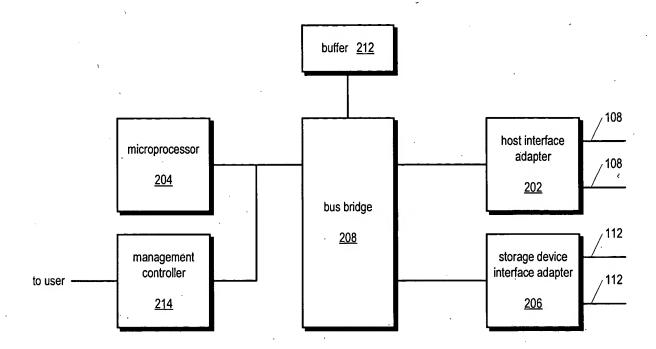
____100





Storage Controller





Access Control Table

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LSD ID	access type	host list
0	include list	C, D, E
1	exclude list	B, E
2	exclude all	n/a
. 3	include all	n/a
4	exclude all	n/a
6	exclude all	n/a
6	exclude all	n/a
7	exclude all	n/a

Fig. 4

Access Control Table (Alternate Embodiment)

host ID	LSD ID list
А	1,3
В	3
С	0, 1, 3
D	0, 1, 3
Е	0, 3
F	1, 3

Mapping Table

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ı list
j l

` A	(0,1) (1,3) (2,X) (3,X) (4,X) (5,X) (6,X) (7,X)	
В	(0,3) (1,X) (2,X) (3,X) (4,X) (5,X) (6,X) (7,X)	
С	(0,1) (1,3) (2,0) (3,X) (4,X) (5,X) (6,X) (7,X)	
D	(0,1) (1,3) (2,0) (3,X) (4,X) (5,X) (6,X) (7,X)	
E	(0,3) (1,0) (2,X) (3,X) (4,X) (5,X) (6,X) (7,X)	
F	(0,1) (1,3) (2,X) (3,X) (4,X) (5,X) (6,X) (7,X)	

Fig. 6

Mapping Table (Alternate Embodiment)

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external LSD ID	host to internal LSD ID mapping list	
0	(A,1) (B,3) (C,1) (D,1) (E,3) (F,1)	
1	(A,3) (B,X) (C,3) (D,3) (E,0) (F,3)	
2	(A,X) (B,X) (C,0) (D,0) (E,X) (F,X)	
3	(A,X) (B,X) (C,X) (D,X) (E,X) (F,X)	
4	(A,X) (B,X) (C,X) (D,X) (E,X) (F,X)	
5	(A,X) (B,X) (C,X) (D,X) (E,X) (F,X)	
6	(A,X) (B,X) (C,X) (D,X) (E,X) (F,X)	
7	(A,X) (B,X) (C,X) (D,X) (E,X) (F,X)	

Fig. 7

Access Control Operation

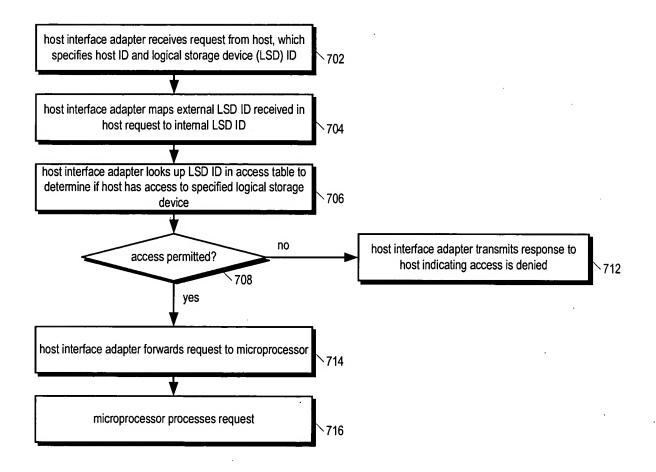


Fig. 8

Access Control Operation

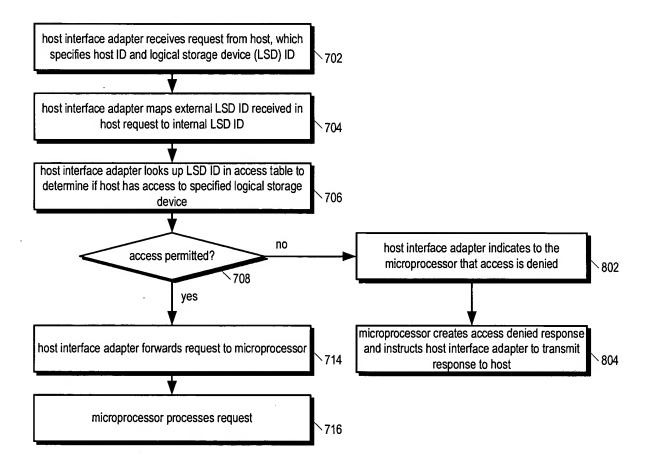
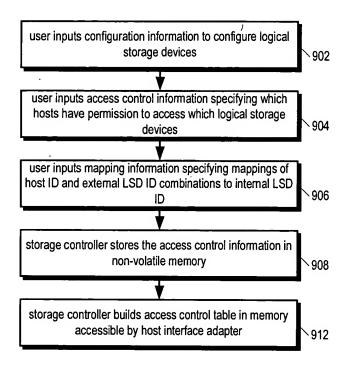


Fig. 9

Access Control Table and Mapping Table Creation



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Fig. 11

Access Control Table (Alternate Embodiment Supporting Request Routing)

LSD ID	access type	host list	microprocessor
ó	include list	C, D, E	0
1	exclude list	B, E	2
2	exclude all	n/a	1
3	include all	n/a	1
4	exclude all	n/a	0
6	exclude all	n/a	0
6	exclude all	· n/a	0
7	exclude all	n/a	0

- 1100

Fig. 12

Access Control Operation with Request Routing

